What is claimed is:

1.   A method for detecting a watermark in a document, comprising:

      loading a page image of a watermarked document;

      locating a set of scanlines in the watermarked page image;

      calculating a detection value;

      loading a page image of an original document;

      locating a set of scanlines in the original page image;

      calculating a target value; and

      determining a difference between the target value and the detection value.

2.   The method according to claim 1 wherein the step of determining a difference includes determining the amount of left margin shift based on the difference between the target value and the detection value.

3.   The method according to claim 2 wherein the step of determining the amount of left margin shift includes determining the direction of left margin shift based on the difference between the target value and the detection value.

4.   A method for watermarking a document, comprising:

      determining a watermark value;

      determining a watermark key;

      determining a watermark line based on the watermark key; and

      shifting a left margin of the watermark line based on the watermark value.

5.   A computer-readable medium having stored thereon a plurality of sequences of instructions for watermarking a document, the plurality of sequences of instructions including sequences of instructions, which, when executed by a processor, cause the processor to perform the steps of:

      determining a watermark value;

      determining a watermark key;

      determining a watermark line based on the watermark key; and

      shifting a left margin of the watermark line based on the watermark value.